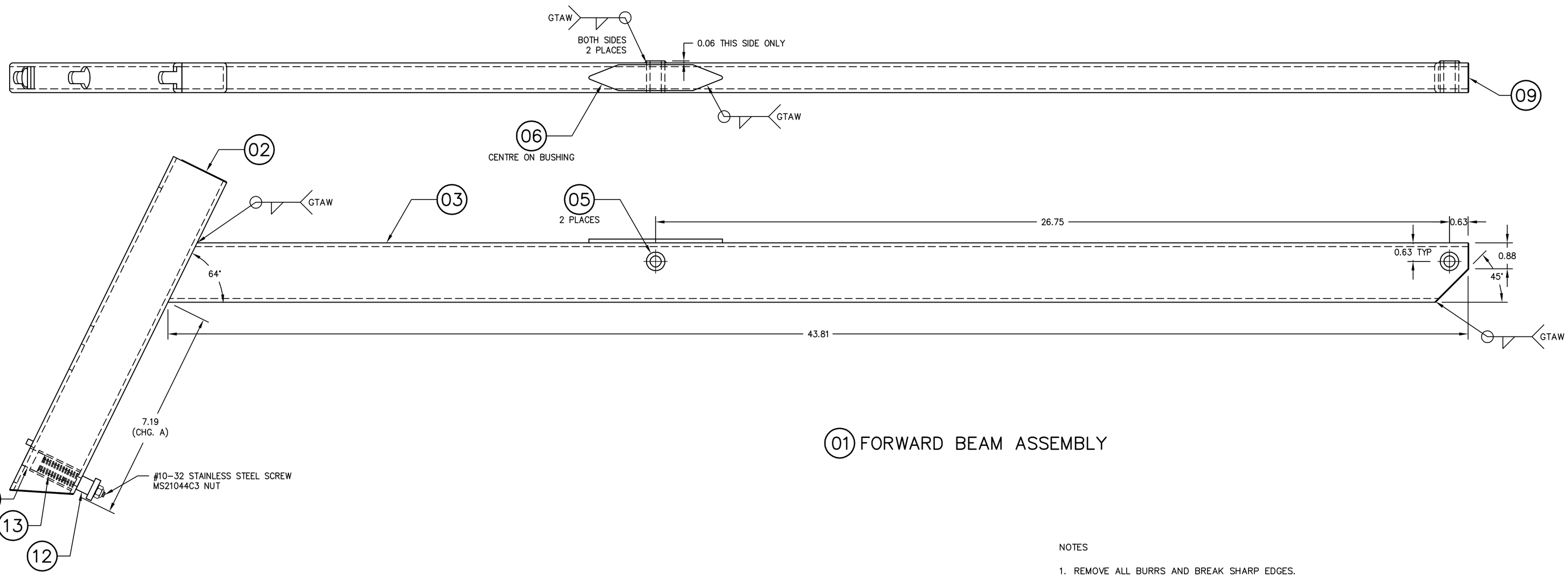
THIS DRAWING CONTAINING INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

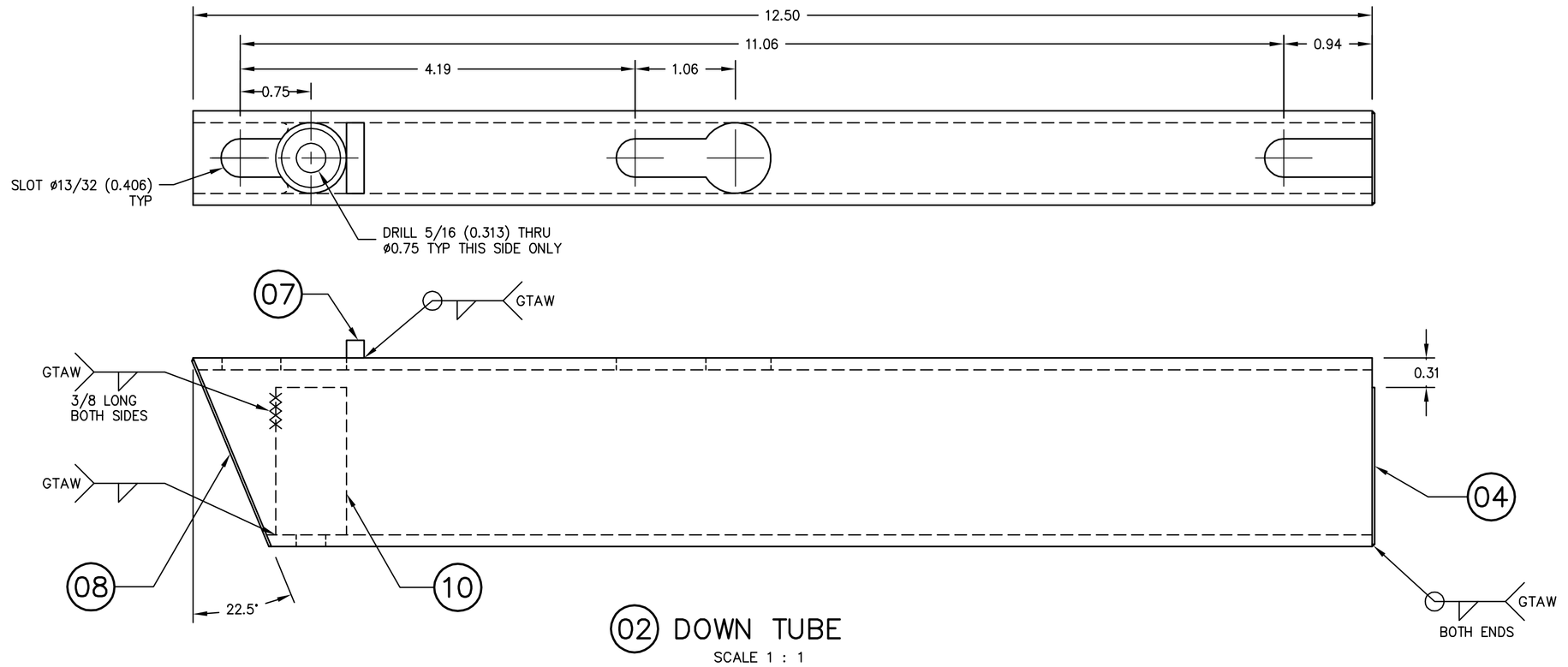
| REV. | DESCRIPTION OF CHANGE | INITIALS | DATE |
|---|---|---|---|
| 0 | INITIAL ISSUE | | |




# (01) FORWARD BEAM ASSEMBLY

NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT FOR STAINLESS STEEL.
3. ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO INSTALLATION.




# (02) DOWN TUBE

SCALE 1 : 1

| QTY | PART NO. | ITEM | DESCRIPTION | MATERIAL | MATERIAL SPEC | STOCK SIZE |
|---|---|---|---|---|---|---|
| | | | LIST OF MATERIALS | | | |
| 1 | 49730-01 | 01 | FORWARD BEAM ASSEMBLY | | | |
| 1 | 49730-02 | 02 | DOWN TUBE | 304 STAINLESS STEEL | ASTM A554 | 2 X 1 X 0.12 TUBE |
| 1 | 49730-03 | 03 | TUBE | 304 STAINLESS STEEL | ASTM A554 | 2 X 1 X 0.12 TUBE |
| 2 | 69830-15 | 05 | BUSHING | 304 STAINLESS STEEL | ASTM A213 | ø0.625 X 0.120 TUBE |
| 1 | 49730-04 | 04 | CAP | 321 STAINLESS COND. A | AMS 5510 | 0.025 SHEET |
| 1 | 69830-07 | 07 | BLOCK | 304 STAINLESS STEEL | ASTM A479 | 0.25 X 0.125 ROD |
| 1 | 69830-16 | 06 | STRAP | 304 STAINLESS STEEL | MIL-S-5059 | 0.100 SHEET |
| 1 | 69830-19 | 08 | CAP | 321 STAINLESS COND. A | AMS 5510 | 0.025 SHEET |
| 1 | 69830-20 | 09 | CAP | 321 STAINLESS COND. A | AMS 5510 | 0.025 SHEET |
| 1 | 69830-11 | 10 | GUIDE | 304 STAINLESS STEEL | ASTM A269 | ø0.75 X 0.065 RND. TUBE |
| 1 | 69830-21 | 11 | STOP | 6061-T6 ALUMINUM | QQ-A-200/8 | ø0.625 ROD |
| 1 | 69830-22 | 12 | KNOB | 6061-T6 ALUMINUM | QQ-A-200/8 | ø0.75 ROD |
| 1 | 69830-23 | 13 | SPRING | | COMMERCIAL | 15mm X 70mm SPRING |
| 1 | #10-32 | | C'SUNK SCREW | STAINLESS STEEL | COMMERCIAL | |
| 1 | MS21044C3 | | NUT | | | |

| APPROVALS | | DATE |
|---|---|---|
| DRAWN: | JEFF CLARKE | 01 OCT 2008 |
| CHECKED: | E. BURGOIN | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS X.XXX ±0.010, X.XX ±0.03, X.X ±0.1
ANGLES ±1/2°

*AERO* DESIGN LTD.
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M
2013 – 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
tel: (403) 250-8027 fax: (403) 250-8333 www.aerodesign.ca

BELL 206B
QUICK RELEASE MOUNTING PROVISIONS
FORWARD BEAM FABRICATION

| SCALE | DWG. SIZE | DWG. NO. | REV. | CHG. |
|---|---|---|---|---|
| 1 : 2 | A1 | 49730 | 0 | A |
| SHEET 1 OF 1 | | | | |